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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hisao FURUKAWA et al.

Serial No. 09/657,457

Filed September 7, 2000

INTEGRATED INFORMATION  
COMMUNICATION SYSTEM USING  
INTERNET PROTOCOL (AS AMENDED)



Docket No. 2000-1216

Group Art Unit 2152

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing date of the first Office Action on the merits,

and thus no certification and/or fee is required.

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- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

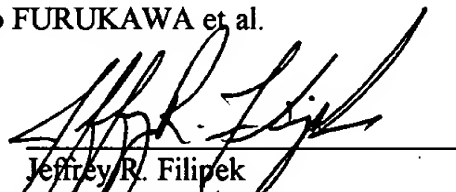
3. ☐ Consideration of the following additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Hisao FURUKAWA et al.

By:

  
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January 9, 2001

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: January 9, 2001

ATTY DOCKET NO.  
2000-1216SERIAL NO.  
09/657,457APPLICANT  
Hisao FURUKAWA et al.FILING DATE  
September 7, 2000GROUP  
2152

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AC	96/08099	3-14-96	WO			X	
	AD	96/06493	2-29-96	WO			X	
	AE							

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AF	Jenkins L, "Packet Switching and Frame Relay In A Broadband Network", Electrical Communication, Be, Alcatel. Brussels, April 1, 1996, pages 138-143.
	AG	Vickers, R., et al., "The Role Of SDH And ATM In Broadband Access Networks", Proceedings of the Global Telecommunications Conference, December 2, 1991, pages 212-216.
	AH	Gelman, A.D., et al., "An Architecture for Interactive Applications", Proceedings of the International Conference on Communications, May 23, 1993, pages 848-852.
	AI	Hoelzle, J., et al., "ATM-Teilnehmernetze Fuer Integrierte Breitband-Kommunikation", NTZ Nachrichtentechnische Zeitschrift, November 1, 1990, pages 802-804, 806, 808, 809.
	AJ	Walters, S.M., et al., "Broadband Virtual Private Networks and Their Evolution", Proceedings of the International Switching Symposium, October 25, 1992, pages 86-90.
	AK	Combarel, L., et al., "Satellite Integration Into Broadband Networks", Proceedings of the International Switching Symposium, April 23, 1995, pages 92-96.
	AL	Stevenson, D., et al., "Design of a Key Agile Cryptographic System for OC-12C Rate ATM", Proceedings of the Symposium on Network and Distributed System Security, February 16, 1995.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.